

Title (en)
ELECTRIC POWER SWITCH

Publication
EP 0165332 B1 19890531 (EN)

Application
EP 84107179 A 19840622

Priority
• EP 84107179 A 19840622
• US 62374984 A 19840622

Abstract (en)
[origin: US4560847A] An electric power switch including a stationary contact piece, a movable contact piece which is moved into and out of engagement with the stationary contact piece, and a commutation electrode arranged near the stationary contact piece and the movable contact piece to receive an arc which is formed when the movable contact piece is disengaged from the stationary contact piece. Current control is performed by moving the movable contact piece into and out of engagement with the stationary contact piece. A plurality of metal arc-extinguishing plates are arranged parallel to the surface of the stationary contact piece and at a predetermined distance from the commutation electrode, extending in the direction in which the movable contact piece is moved with respect to the stationary contact piece. A predetermined distance is maintained between the commutation electrode and the metal arc-extinguishing plates.

IPC 1-7
H01H 9/46

IPC 8 full level
H01H 9/46 (2006.01)

CPC (source: EP US)
H01H 9/46 (2013.01 - EP US)

Citation (examination)
EP 0165321 A1 19851227 - MITSUBISHI ELECTRIC CORP [JP]

Cited by
US5734547A; GB2172147B; US5761025A; FR2713391A1; EP0657907A1; CN1046372C

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
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US 62374984 A 19840622; EP 84107179 A 19840622